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YSI YAP156-YPM156
A96064
3/23/11

Material Safety Data Sheet IRON HR

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME IRON HR
PRODUCT NO. X-156
PRODUCT USE TESTING WATER
SUPPLIER PALINTEST USA
21 KENTON LANDS ROAD
ERLANGER
KENTUCKY
41018
USA
TEL 859 341 7423
TOLL FREE 800 835 9629
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2 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INHALATION

Not relevant at normal room temperatures. When heated, harmful vapors may be formed.

INGESTION

Harmful if swallowed.

SKIN CONTACT

May cause sensitization by skin contact. Skin irritation is not anticipated when used normally.

EYE CONTACT

Risk of serious damage to eyes.

ROUTE OF ENTRY

Skin and/or eye contact. Ingestion.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Weight
BORACIC ACID		10043-35-3	60-100%
CALCIUM THIOGLYCOLATE	249-881-5	65208-41-5	10-30%

4 FIRST-AID MEASURES

INHALATION

Unlikely route of exposure as the product does not contain volatile substances.

INGESTION

Get medical attention immediately!

SKIN CONTACT

Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart. Call an ambulance and continue flushing during transportation to hospital taking along these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

IRON HR

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

SPILL CLEAN UP METHODS

Collect in containers and seal securely.

7 HANDLING AND STORAGE

HANDLING

Read and follow manufacturer's recommendations.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
BORACIC ACID	ACGIH		2 mg/m ³		6 mg/m ³	A4
CALCIUM THIOGLYCOLATE	ACGIH	1 ppm				Sen

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classified as a Human Carcinogen

Sen = Risk of Sensitisation

PROTECTIVE EQUIPMENT



HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. Wash promptly with soap & water if skin becomes contaminated.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOR	Yellow
ODOR	Odorless
SOLUBILITY	Soluble in water

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

11 TOXICOLOGICAL INFORMATION

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

TRANSPORT NOTES

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

IRON HR

15 REGULATORY INFORMATION

INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
BORACIC ACID	No	No		Yes				
CALCIUM THIOGLYCOLATE	DSL	Yes						

COMPONENT	TSCA 12(b) Export Notification
BORACIC ACID	No
CALCIUM THIOGLYCOLATE	No

US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
BORACIC ACID		Not Listed	No
CALCIUM THIOGLYCOLATE		Not Listed	No

CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
BORACIC ACID	Not Listed
CALCIUM THIOGLYCOLATE	Not Listed

US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
BORACIC ACID	10043-35-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
CALCIUM THIOGLYCOLATE	65208-41-5	Not Listed	Yes	Yes	Yes	Yes	Yes	Yes

16 OTHER INFORMATION

VERSION No. 1

SAFETY DATA SHEET STATUS
Approved.

DATE 8 Jan 2010

SIGNATURE D Ellis

DISCLAIMER

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